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PN - JP2000070652 A 20000307
 PD - 2000-03-07
 PR - JP19980245595 19980831
 OPD - 1998-08-31
 TI - REFRIGERANT RECOVERY APPARATUS, REFRIGERANT
 RECOVERY METHOD AND REFRIGERANT RECOVERY SYSTEM
 IN - YUZAWA JIRO; IKUMI YONEZO; INOUE KATSUHIKO; TAKEMASA
 KAZUO; YOSHIDA FUKUJI; SHIMIZU TAKAYUKI
 PA - SANYO ELECTRIC CO
 IC - B01D53/04 ; F25B45/00

• WPI / DERWENT

TI - Refrigerant collecting device
 PR - JP19980245601 19980831; JP19980163789
 19980611; JP19980163790 19980611; JP19980163795
 19980611; JP19980245589 19980831; JP19980245595 19980831
 PN - WO9964799 A1 19991216 DW200006 F25B45/00 Jpn 065pp
 - JP11347337 A 19991221 DW200010 B01D53/04 006pp
 - JP11351711 A 19991224 DW200011 F25B45/00 006pp
 - JP2000065447 A 20000303 DW200023 F25B45/00 012pp
 - JP2000070652 A 20000307 DW200023 B01D53/04 007pp
 - JP2000074511 A 20000314 DW200024 F25B1/00 007pp
 - EP1014015 A1 20000628 DW200035 F25B45/00 Eng 000pp
 - CN1272915 A 20001108 DW200114 F25B45/00 000pp
 - KR2001022761 A 20010326 DW200161 F25B45/00 000pp
 - US6449962 B1 20020917 DW200264 F25B45/00 000pp
 PA - (SAOL) SANYO ELECTRIC CO LTD
 IC - A47L11/34 ; B01D15/00 ; B01D53/04 ; F25B1/00 ; F25B45/00
 ; F25B49/02 ; G01N25/00 ; G01N27/00
 IN - IKUMI Y; INOUE K; SHIMIZU T; TAKEMASA K; YOSHIDA F; YUZAWA
 J
 AB - WO9964799 NOVELTY - The refrigerating collecting device (6A)
 comprises a pipe (7) for connecting the device to a refrigerating
 circuit, a valve with a tightening hole opening function attached to
 the tip end of the pipe, and a refrigerant collecting main body for
 storing solid adsorbing agent capable of selectively adsorbing a
 refrigerant. The valve is installed in the refrigerant circuit and a
 small hole is made in the circuit to adsorb, for refrigerant collection,
 refrigerant to the solid adsorbing agent.



- SE - As a refrigerant collecting device
- ADVANTAGE - Refrigerant is collected easily and at low cost from the refrigerating circuit of a refrigerator.
- DESCRIPTION OF DRAWING(S) - The figure shows a back view of the a refrigerator showing the collecting device.
- Refrigerant collecting device 6A
- Pipe 7
- (Dwg.1/27)

USAB - US6449962 NOVELTY - The refrigerating collecting device (6A) comprises a pipe (7) for connecting the device to a refrigerating circuit, a valve with a tightening hole opening function attached to the tip end of the pipe, and a refrigerant collecting main body for storing solid adsorbing agent capable of selectively adsorbing a refrigerant. The valve is installed in the refrigerant circuit and a small hole is made in the circuit to adsorb, for refrigerant collection, refrigerant to the solid adsorbing agent.

- USE - As a refrigerant collecting device.
- ADVANTAGE - Refrigerant is collected easily and at low cost from the refrigerating circuit of a refrigerator.
- DESCRIPTION OF DRAWING(S) - The figure shows a back view of the a refrigerator showing the collecting device.
- Refrigerant collecting device 6A
- Pipe 7

OPD - 1998-06-11

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AN - 2000-073078 [06]

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PN - JP2000070652 A 20000307

PD - 2000-03-07

AP - JP19980245595 19980831

IN - TAKEMASA KAZUO; SHIMIZU TAKAYUKI; YUZAWA JIRO; INOUE KATSUHIKO; YOSHIDA FUKUJI; KUMI YONEZO

PA - SANYO ELECTRIC CO LTD

TI - REFRIGERANT RECOVERY APPARATUS, REFRIGERANT RECOVERY METHOD AND REFRIGERANT RECOVERY SYSTEM

AB - PROBLEM TO BE SOLVED: To provide a small-sized and portable refrigerant recovery apparatus in which refrigerants existing in refrigerating circuits in used home refrigerators, etc., can be easily and inexpensively recovered and a method for recovering the



refrigerant by using this refrigerant recovery apparatus.

- SOLUTION: A refrigerant recovery apparatus 11 wherein a solid adsorbent 15 is stored in an enclosed container 13 and the inside of this enclosed container 13 is vacuum drawn. The refrigerant recovery apparatus 11 wherein the enclosed container 13 connected with a pipeline at the apex of which a valve 12 with a clamping and hole-making function is installed, a powdery active carbon 15 for adsorbing refrigerant in a refrigerating circuit and an air-permeable nonwoven bag 16 for holding this powdery active carbon are arranged and the powdery active carbon 15 is wrapped in this bag 16 and is stored in the enclosed container 13 and is vacuum drawn, is pref. used.

I - B01D53/04 ;F25B45/00

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